

Name: _____ Date: _____ Period: _____

DRT Homework #4

Situation: Eddie and Bryant are 750 miles apart. Eddie leaves at 3 pm, traveling at a rate of 60 mph toward Bryant. Bryant leaves at 4 pm the same day, traveling at a rate of 55 mph toward Eddie. AT WHAT TIME with the two meet up?

a. What type of DRT Problem is this?

b. Write the GENERAL equation for this type of problem.

c. Define a variable.

d. Fill in the DRT Table below.

	rate	time	Distance

e. Using the GENERAL equation from part b and your table, WRITE AND SOLVE an equation for the situation.

f. Solve the equation.

ANSWER THE QUESTION: